BRUHATH BANGALORE MAHANAGARA PALIKE

YALAHANKA ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work:- - Maintenance & Repairs to Existing Park Lightings, etc to the existing Installation in Park at Yelahanka Constituency

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PRE MEASUREMENT BOOK

Name of work: :-Maintenance & Repairs to Existing Park Lightings, etc to the existing Installation in Park at Yelahanka Constituency

Name of Contractror of nature of Agency:- M/s Swamy Electrical

Job Code No:- 004-20-000052

Ref no and Date of commencement of work:-EE(Ele)YZ/WO/000028/2020-21 Date:- 11-08-2020

Measurement Book No: 2571/19-20 **Page No:** 257017 to 257024

Bill NO :-

Sl. No.	Description of item	Unit	Present Measurements		
			Qty	Tender Full Rate	Cost
1	Digging of Pits 1.8 mtr depth for errection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing.Ordinary Soil	Nos	8	378.00	3024.00
2	Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm)	Nos	8	982.00	7856.00
3	Any Dismantling work 90% of the corresponding erection	Nos	8	273.60	2188.80
4	Transporting and erecting of 3.5 Mtrs long Swged Tubelor park poles	Nos	8	972.00	7776.00
	Air forece Road 7 Nos				
	MCECHS layout Near IAS Colony 1 No				
5	Supplying and fixing electro mechanical timer (without contactor)	Eac	5	4200.00	21000.00
1	Sandeep unnikrishnan Road, Near Sheshadripuram School , Yelahanka				
2	Sandeep unnikrishnan Road, Near Sheshadripuram School , Yelahanka				
3	Near Kempe Gowda Convention hall , Deomarvel Layout				
4	Near Royal Convention hall , Deomarvel Layout				
5	Opp to KEB station , Venkateswara Park, Yelahanka				
6	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15	Per Mtr	98	142.00	13916.00
7	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Per Mtr	98	8.00	784.00
8	B. Work to be carried out as per requirement & actuals and as per the direction of the in charge engineer, Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.a)5 mtr pole 72/13.17.1	Eac h	10	550.00	5500.00
9	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1	Eac h	5	4530.00	22650.00

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10	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100-125Amps26/5.13.4	Each	5	7200.00	36000.00
	Sandeep unnikrishnan Road, Near Sheshadripuram School , Yelahanka				
	Sandeep unnikrishnan Road, Near Sheshadripuram School , Yelahanka				
	Near Kempe Gowda Convention hall , Deomarvel Layout				
	Near Royal Convention hall , Deomarvel Layout				
	Opp to KEB station , Venkateswara Park, Yelahanka				
11	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63Amps TPN 5.17.9	Each	10	2397.00	23970.00
12	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. KPWD ELE SR Page-24/5.7.3 100Amps	Each	15	349.00	5235.00
13	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm40/6.4.4	Mtrs	647	148.00	95756.00
14	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs	647	30.00	19410.00
	B) Tubular Pole TO (Via under pass) Panel board				
3	GE/04/TC/JL/UB/17/S/F TOPanel board via under pass — 65 Mtrs				
4	GE/04/TC/JL/UB/19/S/F TOPanel board via under pass — 65 Mtrs				
	Yelahanka Old town kere				
1	Panel board No 01 to RCC Pole mains — 243 Mtrs				
2	Panel board No 02 to RCC Pole mains — 244 Mtrs				
3	Panel board lifting cable — 37Mtrs				
	Total 647 Mtrs				
15	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.41/6.6.1	Mtrs	596	55.00	32780.00
16	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG KPWD ELE SR Page-30/5.42.2	sq.cms	148975	0.25	37243.75

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7	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.6 sqmm 6/2.3.3	Mtrs	69	52.00	3588.00
	Total Rs				338677.55
	Add GST Item No 08 to 17 Rs 282132.75.00 @ 12%				33855.93
	Total Rs				**372533.48**

CERTIFICATE:

1. This is certify that the work done is saticefactorily.
2. This is certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

Junior Engineer(Elec)
Yalahanka Division

Asst.Exe.Engineer(Elec)
Yalahanka Division

Executive Engineer
Electrical Division
Yelahanka Zone BBMP
Bvataravanapura, Bangalore-92